



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management Solid Waste Section

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	<b>COUNTY: Chatham</b> <b>PERMIT NO.: 19-08</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM	
CDLF		Tire T&P / Collection	<b>X</b>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** September 20, 2013 **Date of Last Inspection:** June 26, 2012

**FACILITY NAME AND ADDRESS:**

Metro Energy Corporation Scrap Tire Collection and Processing Facility  
 3313 Bowers Store Road  
 Silk Hope, NC 27344

**GPS COORDINATES:** N: 35.77401 E: -79.32060

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Michael Tucker, President  
 Metro Energy Corporation  
 c. 919-818-6807  
 work truck. 919-886-0020  
 f. 919-967-1050  
 h. 919-542-1044  
[mtucker@metroenergync.com](mailto:mtucker@metroenergync.com)

**FACILITY CONTACT ADDRESS:**

Michael Tucker, President  
 Metro Energy Corporation  
 11312 US 15-501 Hwy, North  
 Suite 107-103  
 Chapel Hill, NC 27517

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Sarah Rice, Compliance Officer - SWS  
 Michael Tucker, President – Metro Energy Corporation

**STATUS OF PERMIT:**

Permit To Operate (PTO) issued June 14, 2011  
 Permit To Construct (PTC) issued in conjunction with PTO

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

None

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**OBSERVED VIOLATIONS**

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS**

On September 20, 2013, John Patrone and Sarah Rice met with Michael Tucker to conduct a comprehensive inspection of the Metro Energy Corporation Scrap Tire Collection and Processing Facility on Bowers Store Road in Silk Hope, Chatham County.

1. The facility is permitted for a scrap tire collection and processing operation.
2. The facility must be maintained and operated in accordance with the North Carolina Solid Waste Management Rules, specifically 15A NCAC 13B .1106, .1107, and .1110, as well as the facility permit and approved operations plan.
3. The facility permit, site plan, operations plan, and contingency plan/emergency preparedness manual were discussed.
4. Facility capacity is  $\leq 1,200$  whole scrap tires and storage of  $\leq 10$  tons or  $\sim 25$  yd<sup>3</sup> of shredded tires at any one time.
5. At least seventy-five (75) percent of both scrap tires and processed tires delivered to or maintained on the site shall be removed within one year of receipt.
6. The Metro Energy Corporation scrap tire hauler identification number is NCT02307. Ensure scrap tire hauler registration is updated by March 1, 2014.
7. Metro Energy Corporation hauls scrap tires to the facility. The facility is not open to the general public.
8. The scrap tire storage area is designated by large cement blocks, forming a rectangle. The blocks are to prohibit liquid runoff if there is a tire fire.
9. Ensure the scrap tire storage area is kept free of grass, underbrush, and other potentially flammable vegetation at all times.
10. At the time of the inspection there was grass in the scrap tire storage area. Mr. Tucker stated that grass grows in the scrap tire storage area although he repeatedly kills it. And that he will apply chemicals to kill it again.
11. The facility is permitted to manually produce cut tires. See file copy letter dated March 18, 2011.
12. Two whole scrap tires were observed in the scrap tire storage area/on site. There were three small piles of processed tires (doughnuts, alligators, and sidewalls) in the scrap tire storage area.
13. Whole scrap tires and parts thereof capable of holding water stored outside shall be covered upon receipt or disposed of, processed, or removed within ten (10) days of receipt.
14. The facility operations plan states that the maximum size of the whole scrap tire pile is 50' x 20' x 10'.
15. The facility operations plan states that the maximum size of processed scrap tire piles is 100 yd<sup>3</sup>. However, per the facility permit, the maximum amount of processed scrap tires is  $\sim 25$  yd<sup>3</sup>.
16. The facility has removed the enclosed metal storage trailers.
17. A 50' buffer is required around the perimeter of each scrap tire pile. The buffer area shall be unobstructed and passable at all times.
18. Ensure the required buffer is free of obstructive material(s).
19. The facility office appears to be within the required 50' scrap tire buffer area.
20. The facility has constructed a utility building in the scrap tire storage area. Mr. Tucker stated that the building is used to store hand tools for cutting scrap tires and that the scrap tires used (in its fabrication) equate to  $\sim 20$  scrap tires. It is suggested that the utility building be relocated.
21. The facility has used scrap tires as construction material on site. Construction projects at the facility should not adversely affect human health or safety. See file copy letter dated March 13, 2013.

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- Please contact me if you have any questions or concerns regarding this inspection report.

John Patrone  
Environmental Senior Specialist  
*Regional Representative*

Electronic Copies: Jason Watkins, Western District Supervisor  
Sarah Rice, Compliance Officer  
Geof Little, Environmental Engineer

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Digital pictures taken September 20, 2013  
by John Patrone DWM-SWS

Scrap tire storage area and utility building



scrap tires cut into doughnuts, alligators, and sidewalls



Grass in scrap tire storage area – facility to address



Facility office adjacent to the scrap tire storage area

